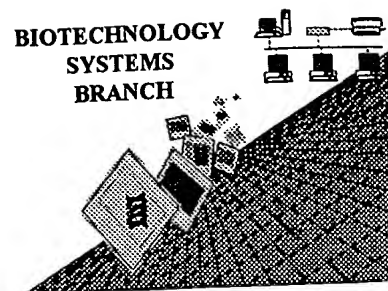


# RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/30/704  
Art Unit / Team No. : 0186  
Date Processed by STIC: 5/10/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

# Raw Sequence Listing Error Summary

SERIAL NUMBER: 09/30/2004

## ERROR DETECTED SUGGESTED CORRECTION

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1    Wrapped Nucleics

The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".

2    Wrapped Aminos

The amino acid number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".

3    Incorrect Line Length

The rules require that a line not exceed 72 characters in length. This includes spaces.  
All text must be visible on page.

4    Misaligned Amino Acid Numbering

The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

5    Non-ASCII

This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

6    Variable Length

Sequence(s)    contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and indicate in the (ix) features section that some may be missing.

7    Wrong Designation

Sequence(s)    contain amino acid or nucleic acid designators which are not standard representations as per the Sequence Rules (Please refer to paragraph 1.822)

8    Skipped Sequences (OLD RULES)

Sequence(s)    missing. If intentional, please use the following format for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X:  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X:  
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

9    Skipped Sequences (NEW RULES)

Sequence(s)    missing. If intentional, please use the following format for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000

10    Use of n's or Xaa's (NEW RULES)

Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

11    Use of <213>Organism (NEW RULES)

Sequence(s)    are missing this mandatory field or its response.

12    Use of <220>Feature (NEW RULES)

Sequence(s)    are missing the <220>Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown".  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)  
(Sec. 1.823 of new Sequence Rules)

13    PatentIn ver. 2.0 "bug"

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).  
Instead, please use "File Manager" or any other means to copy file to floppy disk.

PAGE: 1

# RAW SEQUENCE LISTING

## PATENT APPLICATION US/09/301,704

 DATE: 05/10/1999  
 TIME: 14:54:52

Input Set: I301704.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

Does Not Comply  
Corrected Diskette Needed

1 <110> Schembri, Mark Andrew  
 2 Klemm, Per  
 3 <120> Novel multifunctional adhesin proteins  
 4 and their display in microbial cells  
 5 <130> 21352 PC 1  
 6 <150> PA 1998 00598  
 7 <151> 1998-04-30  
 8 <160> 46  
 9 <170> FastSEQ for Windows Version 3.0

### ERRORED SEQUENCES FOLLOW

E--> 10 <210> 8  
 11 <211> 24  
 12 <212> DNA  
 13 <213> Artificial Sequence  
 14 <220>  
 15 <223> Oligonucleotide for the construction of a  
 16 double-stranded poly histidine segment (Example 1)  
 17 <400> 8  
 E--> 18 gatctcatca ccatcatcac catg  
 19 24

*see item 1 on Error summary sheet*

*format error*

*24*

E--> 20 <210> 9  
 21 <211> 24  
 22 <212> DNA  
 23 <213> Artificial Sequence  
 24 <220>  
 25 <223> Oligonucleotide for the construction of a  
 26 double-stranded poly histidine segment (Example 1)  
 27 <400> 9  
 E--> 28 gatccatggt gatgatggtg atga  
 29 24

*same error*

*24*

E--> 30 <210> 10  
 31 <211> 54  
 32 <212> DNA  
 33 <213> Artificial Sequence  
 34 <220>  
 35 <223> Template oligonucleotide  
 36 <400> 10  
 E--> 37 ggacgcagat ctvnnvnnvn nvnvnnvnn vnnvnnvna gatctagcac cagt

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/301,704DATE: 05/10/1999  
TIME: 14:54:52

Input Set: I301704.RAW

*same error*

---

W--> 38 54

E--> 39 <210> 11  
40 <211> 15  
41 <212> DNA  
42 <213> Artificial Sequence  
43 <220>  
44 <223> Primer oligonucleotide  
45 <400> 11  
E--> 46 actggtgcta gatct  
47 15

*same*

*(all attached for more error)*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/301,704DATE: 05/12/1999  
TIME: 11:52:41

Input Set: I301704.RAW

45 Ala Gly Asn Ser Ile Phe Thr Asn Thr Ala Ser Phe Ser Pro Ala Gln 240  
46 225 230 235  
47 Gly Val Gly Val Gln Leu Thr Arg Asn Gly Thr Ile Ile Pro Ala Asn 255  
48 245 250  
49 Asn Thr Val Ser Leu Gly Ala Val Gly Thr Ser Ala Val Ser Leu Gly 270  
50 260 265  
51 Leu Thr Ala Asn Tyr Ala Arg Thr Gly Gly Gln Val Thr Ala Gly Asn 285  
52 275 280  
53 Val Gln Ser Ile Ile Gly Val Thr Phe Val Tyr Gln 300  
54 290 295  
55 <210> SEQ ID NO 2  
56 <211> LENGTH: 7  
57 <212> TYPE: PRT  
58 <213> ORGANISM: Artificial Sequence  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: Binding motif  
61 <400> SEQUENCE: 2  
W--> 62 His Xaa Xaa Xaa His Arg Ser 5  
63 1  
64 <210> SEQ ID NO 3  
65 <211> LENGTH: 7  
66 <212> TYPE: PRT  
67 <213> ORGANISM: Artificial Sequence  
68 <220> FEATURE:  
69 <223> OTHER INFORMATION: Binding motif  
70 <400> SEQUENCE: 3  
W--> 71 Arg Xaa Xaa Xaa His Arg Ser 5  
72 1  
73 <210> SEQ ID NO 4  
74 <211> LENGTH: 7  
75 <212> TYPE: PRT  
76 <213> ORGANISM: Artificial Sequence  
77 <220> FEATURE:  
78 <223> OTHER INFORMATION: Binding motif  
79 <400> SEQUENCE: 4  
W--> 80 Ser Lys Xaa Xaa His Arg Ser 5  
81 1  
82 <210> SEQ ID NO 5  
83 <211> LENGTH: 7  
84 <212> TYPE: PRT  
85 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <223> OTHER INFORMATION: Binding motif  
88 <400> SEQUENCE: 5  
W--> 89 Ser Arg Xaa Xaa His Arg Ser 5  
90 1  
91 <210> SEQ ID NO 6  
92 <211> LENGTH: 7  
93 <212> TYPE: PRT  
94 <213> ORGANISM: Artificial Sequence

*See Item 10 on Ena Summary Sheet**Item 10**Item 10**Item 10*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/301,704DATE: 05/12/1999  
TIME: 11:52:41

Input Set: I301704.RAW

95 <220> FEATURE:  
96 <223> OTHER INFORMATION: Binding motif *item 10*  
97 <400> SEQUENCE: 6  
W--> 98 Thr Lys Xaa Xaa His Arg Ser  
99 1 5  
100 <210> SEQ ID NO 7  
101 <211> LENGTH: 7  
102 <212> TYPE: PRT  
103 <213> ORGANISM: Artificial Sequence  
104 <220> FEATURE:  
105 <223> OTHER INFORMATION: Binding motif *item 10*  
106 <400> SEQUENCE: 7  
W--> 107 Thr Arg Xaa Xaa His Arg Ser  
108 1 5  
109 <210> SEQ ID NO 8  
110 <211> LENGTH: 24  
111 <212> TYPE: DNA  
112 <213> ORGANISM: Artificial Sequence  
113 <220> FEATURE:  
114 <223> OTHER INFORMATION: Oligonucleotide for the construction of a  
115 double-stranded poly histidine segment (Example 1)  
116 <400> SEQUENCE: 8 24  
117 gatctcatca ccatcatcac catg  
118 <210> SEQ ID NO 9  
119 <211> LENGTH: 24  
120 <212> TYPE: DNA  
121 <213> ORGANISM: Artificial Sequence  
122 <220> FEATURE:  
123 <223> OTHER INFORMATION: Oligonucleotide for the construction of a  
124 double-stranded poly histidine segment (Example 1)  
125 <400> SEQUENCE: 9 24  
126 gatccatggt gatgatggtg atga  
127 <210> SEQ ID NO 10  
128 <211> LENGTH: 54  
129 <212> TYPE: DNA  
130 <213> ORGANISM: Artificial Sequence  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: Template oligonucleotide *item 10*  
133 <400> SEQUENCE: 10  
W--> 134 ggacgcagat ctvnnvnnvn nvnnvnnvnn vnnvnnvna gatctagcac cagt 54  
135 <210> SEQ ID NO 11  
136 <211> LENGTH: 15  
137 <212> TYPE: DNA  
138 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
140 <223> OTHER INFORMATION: Primer oligonucleotide  
141 <400> SEQUENCE: 11 15  
142 actggtgcta gatct  
143 <210> SEQ ID NO 12  
144 <211> LENGTH: 13

Please Note:  
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the  
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to  
<223> fields of each sequence which presents at least one n or Xaa.